

# Understanding Solubility

BibleMouse.com

## Reviewing What Dissolves in Water

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on today's lesson about solubility.

1. What is solubility?

- A. How substances mix with air
- B. How some substances mix completely with water
- C. How substances change color

2. Some substances \_\_\_\_ completely in water, while others do not.

3. Why do some substances float while others sink in water?

---

---

4. Which of the following is an example of a substance that dissolves in water?

- A. Sand
- B. Sugar
- C. Oil

5. In our investigation, we will test different substances to see if they \_\_\_\_ in water.

6. Match the substance to its behavior in water.

Salt

Dissolves

Oil

Floats

7. What did you predict would happen when you mixed substances with water?

---

---

8. What does it mean when a substance does not dissolve in water?

- A. It has disappeared
- B. It stays separate
- C. It changes shape

9. Wisdom and knowledge are like \_\_\_\_ in our hearts.

10. How can we use observation skills in our investigation of solubility?

---

---

---

### Answer Key

1. How some substances mix completely with water 2. dissolve 3. Because of their density or weight. 4. Sugar 5. dissolve 6. Salt - Dissolves, Oil - Floats 7. I thought some would dissolve and some would not. 8. It stays separate 9. water 10. We can watch what happens when we mix substances with water.